

PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE INSTALLATION OF HARDWARE INTERCONNECT BETWEEN THE EXISTING TRAFFIC SIGNALS ON US 50 AT MD 589 AND THE OCEAN LANDING SHOPPING CENTER IN WORCESTER COUNTY. US 50 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION. WORK WILL ALSO INCLUDE THE INSTALLATION OF A QUEUE DETECTOR IN THE US 50 LEFT TURN LANE AT THE OCEAN LANDING SHOPPING CENTER.

CONTROLLER OPERATION

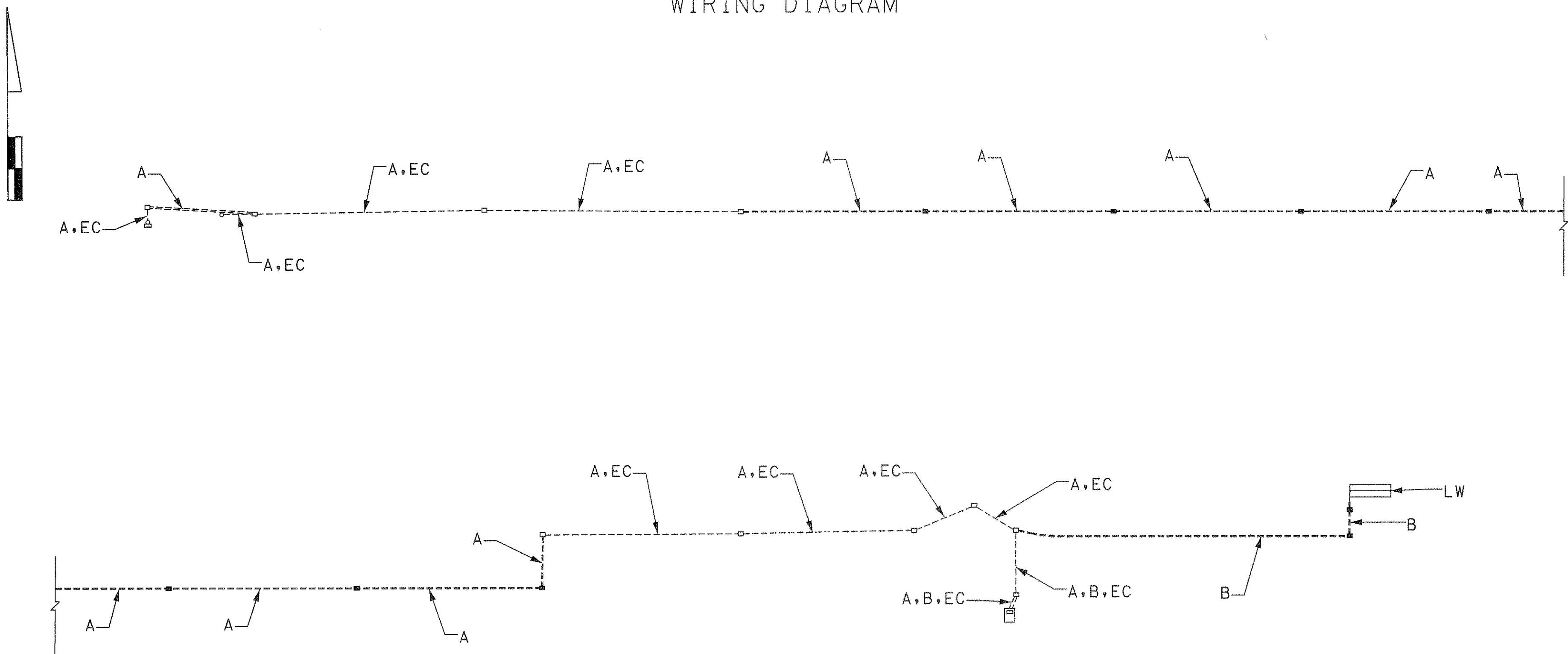
THE CONTROLLER OPERATION WILL REMAIN THE SAME.

EQUIPMENT LIST

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY CONTRACTOR


ITEM NO.	QUANTITY	DESCRIPTION
1001	1 EA	MAINTENANCE OF TRAFFIC
8021	80 LF	FURNISH AND INSTALL SAW CUT FOR SIGNAL (LOOP DETECTOR)
8023	10 LF	FURNISH AND INSTALL 1 IN. LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT FOR DETECTOR SLEEVE
8024	370 LF	FURNISH AND INSTALL 2 IN. SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED
8030	1360 LF	FURNISH AND INSTALL 4 IN. SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED
8032	100 LF	FURNISH AND INSTALL 4 IN. SCHEDULE 80 RIGID PVC CONDUIT - BORED
8033	9 EA	FURNISH AND INSTALL ELECTRICAL HANDHOLE
8039	2750 L.F.	FURNISH AND INSTALL 12-PAIR COMMUNICATION CABLE, JELLYFILLED (UNDERGROUND)
8040	330 LF	FURNISH AND INSTALL LOOP WIRE ENCASED IN FLEXIBLE TUBING (NO. 14 A.W.G.)
8041	500 LF	FURNISH AND INSTALL ELECTRICAL CABLE - 2 CONDUCTOR (ALUMINUM SHIELDED)

WIRING DIAGRAM



WIRE KEY

A - 12 PAIR VOICE GRADE INTERCONNECT CABLE  
B - 2 - CONDUCTOR ELECTRICAL CABLE (ALUMINUM SHIELDED)  
LW - LOOP WIRE  
EC - EXISTING CABLE

				MARYLAND DOT - STATE HIGHWAY ADMINISTRATION	
				Office of Traffic & Safety	
				TRAFFIC ENGINEERING DESIGN DIVISION	
				GENERAL INFORMATION SHEET	
				US 50 FROM MD 589 TO OCEAN LANDING SHOPPING CENTER	
DRAWN BY: T.M.Z		F.A.P. NO.		TS NO.	
CHECKED BY: K.W.S		S.H.A. NO.		6-174	
SCALE: NONE		COUNTY: WORCESTER		T.L.M.S. NO.	
DATE: 12-8-00		LOG MILE:		Ts-275-TC2	
				SHEET NO. 2 OF 2	